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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Applicant Number	
		Filing Date	
		First Named Inventor	Manfred Albrecht
		Group Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	HSJ920030215US1	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		R. L. White et al., "Patterned Media: A Viable Route to 50 Gbit/in <sup>2</sup> and Up for Magnetic Recording?", IEEE Transactions on Magnetics, Vol. 33, No. 1, January 1997, 990-995	
		C. Chappert, et al., "Planar Patterned Magnetic Media Obtained by Ion Irradiation," Science, Vol. 280, June 19, 1998, pp. 1919-922	
		E. Eleftheriou et al., "Millipede-A MEMS-Based Scanning-Probe Data-Storage System", IEEE Transactions on Magnetics, Vol. 39, No. 2, March 2003, pp.938-945	
		M. Kleiber et al., "Magnetization switching of submicrometer Co dots induced by a magnetic force microscope tip", Phys Rev B, Vol. 58, No. 9, 1 September 1998, pp. 5563-5567	
		J. Lohau et al. "Writing and reading perpendicular magnetic recording media patterned by a focused ion beam", Appl Phys Lett, Vol. 78, No. 7, 12 February 2001, pp. 990-992	
		B. Cui et al. "Perpendicular quantized magnetic disks with 45 Gbits on a 4x4 cm <sup>2</sup> area", J Appl Phys, Vol. 85, No. 8, 15 April 1999, pp. 5534-5536	
		Haginoya C. et al., "Thermomagnetic writing on 29 Gbit/in. <sup>2</sup> patterned magnetic media", APPL PHYS LETT 75 (20): 3159-3161 NOV 15 1999	
		Castano F. et al., "Magnetic force microscopy and x-ray scattering study of 70x550 nm(2) pseudo-spin-valve nanomagnets", J APPL PHYS 93 (10): 7927-7929 Part 3 MAY 15 2003	
		Todorovic M., "Writing and reading of single magnetic domain per bit perpendicular patterned media", APPL PHYS LETT 74 (17): 2516-2518 APR 26 1999	
		Ross C., "Patterned magnetic recording media", ANNU REV MATER RES 31: 203-235 2001	
		A. Dietzel et al., "Ion Projection Direct Structuring for Patterning of Magnetic Media", IEEE Transactions on Magnetics, Vol. 38, No. 5, September 2002, pp. 1952-195	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	
				Filing Date	
				First Named Inventor Manfred Albrecht	
				Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number HSJ920030215US1	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>7</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 5,820,769	10-13-1998	Chou	
		US- 5,583,727	01-10-1996	Parkin	
		US- 6,331,364	12-18-2001	Baglin et al.	
		US- 6,383,597	05-07-2002	Fullerton et al.	
		US- 6,493,183	12-10-2002	Kasiraj et al.	
		US- 20030021191A1	01-30-2003	Hsu et al.	
		US- 20030107833A1	01-12-2003	Rettner et al.	
		US- 5,436,448	07-25-1995	Hosaka et al.	
		US- 6,011,664	01-04-2000	Kryder et al.	
		US- 5,900,728	01-04-1999	Moser et al.	
		US- 5,900,729	01-04-1999	Moser et al.	
		US- 5,804,710	09-08-1998	Mamin et al.	
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FOREIGN PATENT DOCUMENTS						
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